

Title (en)

EL display device, driving method thereof, and electronic equipment provided with the EL display device

Title (de)

Elektrolumineszierende Anzeigevorrichtung, ihr Steuerungsverfahren und elektronisches Gerät mit einem solchen Anzeigevorrichtung

Title (fr)

Dispositif d'affichage électroluminescent, méthode de commande et appareil électronique pourvu d'un tel dispositif

Publication

**EP 1063704 A2 20001227 (EN)**

Application

**EP 00112913 A 20000619**

Priority

JP 17473499 A 19990621

Abstract (en)

An EL display device capable of performing clear multi-gradation color display and electronic equipment provided with the EL display device are provided, wherein gradation display is performed according to a time-division driving method in which the luminescence and non-luminescence of an EL element (109) disposed in a pixel (104) are controlled by time, and the influence by the characteristic variability of a current controlling TFT (108) is prevented. When this method is used, a data signal side driving circuit (102) and a gate signal side driving circuit (103) are formed with TFTs that use a silicon film having a peculiar crystal structure and exhibit an extremely high operation speed.

IPC 1-7

**H01L 27/15**; **G09G 3/30**

IPC 8 full level

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CPC (source: EP KR US)

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C-Set (source: EP US)

**H01L 2924/0002** + **H01L 2924/00**

Citation (examination)

WO 9833165 A1 19980730 - CASIO COMPUTER CO LTD [JP]

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